

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of accepting deposits of currency bills into a document processing device for crediting to a specified account, comprising:

receiving a plurality of documents associated with a deposit being made at a financial institution into an input receptacle of the document processing device, wherein the plurality of documents include a plurality of currency bills, each of the currency bills having an associated ~~at least one currency bill bearing a printed image that includes a~~ serial number;

scanning the plurality of currency bills ~~image of at least the serial number on each currency bill~~ to produce an electronic image for each of the plurality of currency bills ~~data~~;

extracting the associated serial number from one or more of the plurality of electronic images ~~of each currency bill from the electronic data~~;

denominating each of the plurality of currency bill ~~bills~~;

accumulating the total value of the plurality of currency bills included in the ~~each~~ deposit; and

in the document processing device, automatically generating a government-required report whenever the accumulated total value exceeds a prescribed value, the automatically generated government-required report comprising at least one or more of the electronic images, an identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value of the deposit, and the serial numbers associated with the one or more electronic images of the currency bills ~~number for each currency bill~~ included in the deposit.

2. (Currently Amended) The method according to claim 1, further comprising:

counting a number of currency bills of each denomination included in the deposit;

and

wherein automatically generating the government-required report includes automatically generating the government-required report to further comprise the number of currency bills of each denomination included in the deposit.

3. (Currently Amended) The method according to claim 2, wherein the automatically generating the government-required report further comprises automatically generating the government-required report to include an identification of a location of the document processing device into which the deposit was made, and an identification of a teller or customer responsible for the deposit.

4. (Currently Amended) The method according to claim 3, wherein the scanning further comprises scanning a complete image on at least one side of each of the plurality of currency ~~bill~~ bills so as to produce the electronic images ~~data~~, and wherein automatically generating the government-required report includes automatically generating the government-required report ~~to include such that the electronic images are~~ complete images of the currency bills included in the deposit.

5. (Currently Amended) The method according to claim 1, wherein the plurality of documents include at least one deposit slip ~~bearing an image~~, and wherein the scanning further includes scanning the at least one image on the deposit slip to produce ~~the~~ electronic data.

6. (Currently Amended) The method according to claim 1, further comprising:
reading the identification of the specified account at the financial institution from a card supplied by a depositor; and
storing the specified account identification with the electronic images ~~scanned images relating to the corresponding deposit~~.

7. (Original) The method according to claim 1, wherein the prescribed value is \$10,000.

8. (Currently Amended) The method according to claim 1, further comprising storing the electronic images of the plurality of currency bills such that the electronic images data so that images of the documents may be retrieved and displayed for review at a time subsequent to completion of the deposit.

9. (Currently Amended) The method according to claim 1, further comprising:
detecting a suspect counterfeit currency bill included in the deposit;
generating a signal indicating the detection of the ~~[[a]]~~ suspect counterfeit bill;
and

retaining electronic data representing ~~at least a portion of an image on the~~
detected suspect counterfeit bill in association with the identification of the specified
account at the financial institution.

10. (Currently Amended) The method according to claim 1, further comprising
~~wherein transporting the plurality of documents and denominating the plurality of~~ currency bills
~~documents occurs at a rate in excess of 800~~ currency bills documents per minute.

11. (Currently Amended) The method according to claim 1, further comprising
~~wherein transporting the plurality of documents and denominating the plurality of~~ currency bills
~~documents occurs at a rate in excess of 1,000~~ currency bills documents per minute.

12. (Currently Amended) A system for accepting deposits of currency bills into a
document processing device for crediting to a specified account, comprising:

an input receptacle adapted to receive a plurality of documents associated with a
deposit transaction at a financial institution, and wherein ~~at least one currency bill is~~
~~included in the plurality of documents~~ includes a plurality of currency bills, each of the
currency bills having an associated serial number;

at least one output receptacle for receiving the plurality of documents after being
~~they have been~~ processed;

an image scanner adapted to scan the currency bills ~~an image of at least a serial number on each currency bill~~ to produce an electronic image for each of the currency bills ~~data~~;

a transport mechanism adapted to transport the plurality of documents, one at a time, from the input receptacle past the image scanner to the at least one output receptacle;

a processor adapted to extract the associated serial number ~~of each currency bill~~ from the electronic images ~~data~~;

a denominating device for denominating each of the plurality of currency bills ~~bill~~;

an accumulating device for accumulating a total value of the plurality of currency bills included in ~~each~~ the deposit transaction; and

a generating device for automatically generating a government-required report whenever the accumulated total value exceeds a prescribed value, the automatically generated government-report including ~~at least one~~ one or more of the electronic images, an identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value, and the serial numbers extracted from the electronic images ~~number for each currency bill included in the deposit~~.

13. (Currently Amended) The system according to claim 12, further comprising a counting device for counting ~~the~~ a number of bills of each denomination included in the deposit transaction, and wherein the automatically generated government-required report includes the number of bills of each denomination included in the deposit transaction.

14. (Previously Presented) The system according to claim 13, wherein the government-required report further comprises:

an identification of a location of the document processing device into which the deposit was made; and

an identification of a teller or customer responsible for the deposit.

15. (Currently Amended) The system according to claim 14, wherein the image scanner is adapted to scan ~~the~~ a complete image on at least one side of each of the plurality of currency bills to produce the electronic images data, and wherein the electronic images are report ~~includes~~ the complete images of ~~all~~ the currency bills included in the deposit.

16. (Currently Amended) The system according to claim 15, wherein the plurality of documents includes at least one deposit slip ~~bearing an image~~, and wherein the image scanner is adapted to scan ~~an image of~~ the at least one deposit slip to produce an electronic image of the at least one deposit slip ~~data representing the image~~, and wherein the automatically generated government-required report includes the electronic image of the at least one deposit slip.

17. (Currently Amended) The system according to claim 16, further comprising:
a card reader that reads the identification ~~indication~~ of the specified account at the financial institution from a card supplied by a ~~the~~ depositor; and
a memory storing the account identification with the electronic images ~~image data~~ relating to the ~~corresponding~~ deposit transaction.

18. (Currently Amended) The system according to claim 17, wherein the ~~further comprising a~~ memory storing the electronic images of the plurality of currency bills stores the electronic images ~~data~~ such that the electronic images can be retrieved and displayed for review at a time subsequent to completion of the deposit transaction.

19. (Currently Amended) The system according to claim 18, further comprising a suspect counterfeit detector that detects suspect counterfeit currency bills included in the deposit and generates a signal that indicates the detection of a suspect counterfeit bill ~~and causes electronic data representing at least a portion of an image on the detected suspect counterfeit bill to be retained~~.

20. (Original) The system according to claim 19, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 800 documents per minute.

21. (Original) The system according to claim 19, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 1000 documents per minute.

22. (Original) The system according to claim 19, wherein the prescribed value is \$10,000.

23. (Currently Amended) A document processor for processing a deposit of currency bills into a specified account at a financial institution, the document processor comprising:

an input receptacle adapted to receive documents associated with a deposit transaction being made at the financial institution, the documents including at least one currency bill;

~~at least one output receptacle for receiving the documents after they have been processed;~~

an image scanner adapted to scan the documents ~~an image on at least a portion of each currency bill~~ to produce an electronic data image for each of the documents;

a transport mechanism adapted to transport the documents, one at a time, from the input receptacle past the image scanner to ~~the~~ at least one output receptacle;

a denominating device adapted to denominate ~~documents which are the~~ at least one currency bill bills; and

a processor programmed to accumulate the total value of the at least one currency bill bills included in ~~each~~ the deposit transaction, and to automatically generate a government-required report whenever the accumulated total value exceeds a prescribed value, the automatically generated government-required report containing ~~at least one or more of the electronic images~~, an identification of the specified account at the financial institution to which the deposit is being made, and the accumulated total value ~~and the scanned images of the~~ at least one currency bill bills included in the deposit.

24. (Currently Amended) The document processor according to claim 23, wherein the transport mechanism is adapted to transport documents, and the denominating device is

adapted to denominate currency bill documents—at a rate of approximately 800 to 1000 documents per minute.

25. (Currently Amended) The document processor according to claim 24, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate currency bills documents—at a rate in excess of 1000 documents per minute.

26. (Currently Amended) The document processor according to claim 23, further comprising

a memory adapted to store the electronic images data ~~from the image scanner so such~~ that the electronic scanned images may be retrieved and displayed for review after completion of the deposit transaction;

a counting device which counts ~~the~~ a number of currency bills of each denomination included in the deposit transaction; and

wherein the automatically generated government-required report includes the number of currency bills of each denomination included in the deposit.

27. (Currently Amended) The document processor according to claim 26, wherein the automatically generated government-required report includes an identification of a location of the document processing device into which the deposit transaction was made, and an identification of a teller or customer responsible for the deposit.

28. (Currently Amended) The document processor according to claim 27, wherein the image scanner is adapted to scan ~~the~~ a complete image on at least one side of ~~each of the at least one~~ currency bill bills to produce ~~the~~ electronic images data, and wherein the electronic images are the complete image of the at least one currency bill ~~the government-required report includes the complete images of all the currency bills included in the deposit.~~

29. (Currently Amended) The document processor according to claim 28, wherein the documents include at least one deposit slip ~~bearing an image~~, the scanner is adapted to scan

~~an image of the deposit slip to produce an electronic image of the deposit slip data~~, and the automatically generated government-required report includes the electronic image of the deposit slip.

30. (Currently Amended) The document processor according to claim 29, wherein the prescribed value is \$10,000.

31. (Currently Amended) The document processor according to claim 30, wherein the at least one currency bill includes an associated serial number and wherein the image scanner is adapted to ~~scan a~~ extract the associated serial number ~~for each from the electronic image of the at least one currency bill to generate electronic data~~, and the automatically generated government-required report includes the associated serial number ~~for each~~ the at least one currency bill.

32. (Currently Amended) A method for processing a deposit of currency bills into a document processing device for crediting a specified account at a financial institution, comprising:

receiving a plurality of currency bills ~~documents~~ associated with a deposit transaction being made at the financial institution;

scanning ~~an image on~~ at least a portion of each of the currency bills with an image scanner ~~bill~~ to produce electronic data representing at least a partial video image of each of the currency bills ~~bill~~;

transporting the plurality of currency bills ~~documents~~, one at a time, from an input receptacle past the image scanner to at least one output receptacle;

denominating ~~documents which are the~~ plurality of currency bills;

storing the electronic data ~~from the image scanner~~ so that the partial scanned video images may be retrieved and displayed for review after completion of the deposit;

accumulating a total value of the plurality of currency bills included in ~~each~~ the deposit transaction; and

automatically generating and printing a government-required report whenever the accumulated total value exceeds a prescribed value, the automatically generated

government-required report including at least a portion of the stored electronic data representing one or more of the at least partial video images, an identification of the specified account at the financial institution to which the deposit is being made, and the accumulated total value ~~and the scanned images of each~~ of the plurality of currency bills ~~bill~~ included in the deposit transaction.

33. (Currently Amended) The method according to claim 32, wherein denominating further comprises denominating the plurality of currency bills ~~documents~~ at a rate of approximately 800 to 1000 currency bills ~~documents~~ per minute.

34. (Currently Amended) The method according to claim 32, wherein denominating further comprises denominating the plurality of currency bills ~~documents~~ at a rate in excess of 1000 currency bills ~~documents~~ per minute.

35. (Currently Amended) The method according to claim 32, wherein automatically generating and printing [[a]] the government-required report further comprises automatically generating and printing the government-required report whenever the accumulated total value exceeds \$10,000.

36. (Currently Amended) The method according to claim 32, further comprising:
counting ~~the~~ a number of currency bills of each denomination included in the deposit transaction; and
automatically generating and printing [[a]] the government-required report which includes the number of currency bills of each denomination included in the deposit transaction.

37. (Previously Presented) The method according to claim 36, wherein automatically generating and printing the government-required report further comprises:
identifying a location of the document processing device into which the deposit was made; and
identifying a teller or customer responsible for the deposit.

38. (Currently Amended) The method according to claim 37, wherein the scanning further comprises scanning ~~the~~ a complete image on at least one side of each currency bill to produce the electronic data.

39. (Currently Amended) The method according to claim 38, wherein automatically generating and printing the government-required report further comprises automatically generating and printing the government-required report to include the complete image of each currency bill included in the deposit transaction.

40. (Currently Amended) The method according to claim 39, further comprising:
receiving a deposit slip ~~bearing an image~~;
scanning ~~an image of~~ the deposit slip to produce electronic data representing at least a partial video image of the deposit slip; and
automatically generating and printing the government-required report to include the partial video image of the ~~imaged~~ deposit slip.

41. (Currently Amended) The method according to claim 40, further comprising:
extracting a serial number from each of the partial video images of the plurality of currency bills ~~scanning a serial number for each currency bill to produce electronic data~~; and
automatically generating and printing the government-required report to include the extracted serial numbers ~~number~~.

42. (Original) The method according to claim 41, wherein the prescribed value is \$10,000.

43-60. (Canceled).

61. (Currently Amended) The method according to claim 8, wherein the electronic images represent data ~~represents~~ at least a partial video image of each currency bill.

62. (Currently Amended) The system according to claim ~~48~~ 12, wherein the electronic images represent data ~~data represents~~ at least a partial video image of each currency bill.

63. (Currently Amended) The processor according to claim ~~26~~ 23, wherein the electronic images represent data ~~data represents~~ at least a partial video image of each currency bill.

64-66. (Cancelled).

67. (New) A system for accepting a deposit of currency bills from a depositor for crediting a specified account at a financial institution, the system comprising:

- a card reader configured to read an identification of the specified account at the financial institution from a card supplied by the depositor;

- an input receptacle configured to receive a plurality of currency bills associated with a deposit transaction at a financial institution, each of the currency bills having an associated serial number;

- a transport mechanism adapted to transport the plurality of currency bills from the input receptacle past an image scanner to at least one output receptacle, the image scanner configured to scan the currency bills to produce an electronic image for each of the currency bills;

- a processor adapted to extract the associated serial number from each of the electronic images;

- a denominating device for denominating each of the plurality of currency bills;

- a counterfeit detector configured to detect if one or more of the plurality of currency bills included in the deposit are counterfeit bills, in response to a detected counterfeit bill, the counterfeit detector generates a signal that indicates the detection of the counterfeit bill;

- an accumulating device for accumulating a total value of the plurality of currency bills included in the deposit transaction;

- a counting device for counting a number of bills of each denomination included in the deposit transaction; and

a generating device for automatically generating a report, the automatically generated report including one or more of the electronic images, the identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value, the number of currency bills of each denomination included in the deposit transaction, and serial numbers associated with the plurality of currency bills included in the deposit transaction.